

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference JG-3001-PCT	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, Item 5 below.	
International application No. PCT/GB2004/003009	International filing date (day/month/year) 12/07/2004	(Earliest) Priority Date (day/month/year) 11/07/2003
Applicant MICRO MEDICAL LTD		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

## 4. With regard to the title.

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

## 5. With regard to the abstract.

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

## 6. With regards to the drawings.

a. the figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/003009

A. CLASSIFICATION OF SUBJECT MATTER  
IPC A61B5/087

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/14115 A (SIERRA BIOTECHNOLOGY COMPANY L) 9 April 1998 (1998-04-09) page 9, line 3 - page 12, line 25 page 13, line 23 - page 14, line 6 page 14, line 18 - page 15, line 6; figure 1	1-9
X	US 6 015 388 A (INMAN D MICHAEL ET AL) 18 January 2000 (2000-01-18) column 1, lines 15-28 column 10, line 58 - column 11, line 36 column 13, lines 34-49 column 22, lines 12-22	1
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document relating to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

29 September 2004

Date of mailing of the international search report

06/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel: (+31-70) 340-2040, Tx: 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Pohjamo, T

Form PCT/ISA/210 (second sheet) (January 2004)

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/003009

## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 991 304 A (HILLSMAN DEANE) 9 November 1976 (1976-11-09) column 4, lines 52-68 column 13, line 61 - column 14, line 52; figure 1	1-9
P, A	EP 1 397 994 A (MICRO MEDICAL LTD) 17 March 2004 (2004-03-17) the whole document	1-9

1

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/003009

Patent document id in search report		Publication date	Patent family member(s)	Publication date
WO 9814115	A	09-04-1998	CA 2238530 A1	09-04-1998
			WO 9814115 A1	09-04-1998
			AU 7380496 A	24-04-1998
US 6015388	A	18-01-2000	EP 0969763 A1	12-01-2000
			JP 2001516253 T	25-09-2001
			WO 9841146 A1	24-09-1998
US 3991304	A	09-11-1976	AU 510162 B2	12-06-1980
			AU 1405076 A	24-11-1977
			BE 841982 A1	16-09-1976
			CA 1077574 A1	13-05-1980
			CH 613115 A5	14-09-1979
			DE 2622128 A1	02-12-1976
			DK 221176 A ,B,	20-11-1976
			FR 2312018 A1	17-12-1976
			GB 1530215 A	25-10-1978
			IN 145535 A1	04-11-1978
			IT 1060859 B	30-09-1982
			JP 51142894 A	08-12-1976
			NL 7605336 A	23-11-1976
			NZ 180887 A	05-03-1980
			SE 435781 B	22-10-1984
			SE 7605600 A	20-11-1976
EP 1397994	A	17-03-2004	EP 1397994 A1	17-03-2004
			US 2004063544 A1	01-04-2004

## INTERNATIONAL SEARCH REPORT

national Application No

T/682004/003009

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61B5/087

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/14115 A (SIERRA BIOTECHNOLOGY COMPANY L) 9 April 1998 (1998-04-09) page 9, line 3 - page 12, line 25 page 13, line 23 - page 14, line 6 page 14, line 18 - page 15, line 6; figure 1	1-9
X	US 6 015 388 A (INMAN D MICHAEL ET AL) 18 January 2000 (2000-01-18) column 1, lines 15-28 column 10, line 58 - column 11, line 36 column 13, lines 34-49 column 22, lines 12-22	1
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*I\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*Z\* document member of the same patent family

Date of the actual completion of the international search

29 September 2004

Date of mailing of the international search report

06/10/2004

Name and mailing address of the ISA

European Patent Office, P.O. Box 5818 Patentplan 2  
NL - 2220 HV Rijswijk  
Tel: (+31-70) 540-2340, Tx: 31 681 epo nl,  
Fax: (+31-70) 540-3016

Authorized officer

Pohjamo, T

## INTERNATIONAL SEARCH REPORT

National Application No.

...T/GB2004/003009

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 991 304 A (HILLSMAN DEANE) 9 November 1976 (1976-11-09) column 4, lines 52-68 column 13, line 61 - column 14, line 52; figure 1	1-9
P,A	EP 1 397 994 A (MICRO MEDICAL LTD) 17 March 2004 (2004-03-17) the whole document	1-9

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/GB2004/003009

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9814115	A	09-04-1998	CA 2238530 A1	09-04-1998
			WO 9814115 A1	09-04-1998
			AU 7380496 A	24-04-1998
US 6015388	A	18-01-2000	EP 0969763 A1	12-01-2000
			JP 2001516253 T	25-09-2001
			WO 9841146 A1	24-09-1998
US 3991304	A	09-11-1976	AU 510162 B2	12-06-1980
			AU 1405076 A	24-11-1977
			BE 841982 A1	16-09-1976
			CA 1077574 A1	13-05-1980
			CH 613115 A5	14-09-1979
			DE 2622128 A1	02-12-1976
			DK 221176 A ,B,	20-11-1976
			FR 2312018 A1	17-12-1976
			GB 1530215 A	25-10-1978
			IN 145535 A1	04-11-1978
			IT 1060859 B	30-09-1982
			JP 51142894 A	08-12-1976
			NL 7605336 A	23-11-1976
			NZ 180887 A	05-03-1980
			SE 435781 B	22-10-1984
			SE 7605600 A	20-11-1976
EP 1397994	A	17-03-2004	EP 1397994 A1	17-03-2004
			US 2004063544 A1	01-04-2004